


[my account](#) [learning center](#) [patent cart](#) [document cart](#)
[home](#)[searching](#)[patents](#)[documents](#)[toc journal watch](#)**Format Examples****US Patent**

US6024053 or 6024053

**US Design Patent**

D0318249

**US Plant Patents**

PP8901

**US Reissue**

RE35312

**US SIR**

H1523

**US Patent Applications**

20020012233

**World Patents**

WO04001234 or WO2004012345

**European**

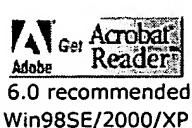
EP1067252

**Great Britain**

GB2018332

**German**

DE29980239

**Nerac Document Number (NDN)**certain NDN numbers can be used  
for patents[view examples](#)**Patent Ordering**[help](#)**Enter Patent Type and Number:**  optional reference note **GO**

Add patent to cart automatically. If you  
uncheck this box then you must *click on*  
Publication number and view abstract to Add to  
Cart.

**37 Patent(s) in Cart****Patent Abstract**[Add to cart](#)

**GER 2002-07-25 10065521 Appliance and procedures  
to the Detektion of moved or standing objects by  
means of radar radiation**  
**ANNOTATED TITLE- Vorrichtung und Verfahren zur  
Detektion von bewegten oder stehenden Objekten  
mittels Radarstrahlung**

**INVENTOR-** Voigtlaender, Klaus, Dr. 73117 Wangen  
DE

**APPLICANT-** Robert Bosch GmbH 70469 Stuttgart DE

**PATENT NUMBER-** 10065521/DE-A1

**PATENT APPLICATION NUMBER-** 10065521

**DATE FILED-** 2000-12-28

**DOCUMENT TYPE-** A1, DOCUMENT LAID OPEN (FIRST  
PUBLICATION)

**PUBLICATION DATE-** 2002-07-25

**INTERNATIONAL PATENT CLASS-** G01S01393;  
G01S01310; G01S013536

**PATENT APPLICATION PRIORITY-** 10065521, A

**PRIORITY COUNTRY CODE-** DE, Germany, Ged. Rep. of

**PRIORITY DATE-** 2000-12-28

**FILING LANGUAGE-** German

**LANGUAGE-** German NDN- 203-0499-2471-5

The present invention covers moved for itself on an  
appliance and a procedure to the Detektion or standing  
objects for radar radiation, especially for the use in motor  
vehicles. To the Objektdetektion, bearer vibrations, whose  
reflected, becomes pulse-modulate sent out, partial waves

receive and are appraised. Through an unmodulated bearer's dispatch in the temporal gaps of two neighboring pulses, it is another Dopplermessung possible, additional to perform, with which a reliable speed measurement can be performed.

**EXEMPLARY CLAIMS-** 1. Appliance to the Detektion of moved or standing objects by means of radar radiation. existing auseinem pulse generator (1). this as well with a first (3) and a second (4) narrow-band-y pulse modulator bandaged ist.einem high frequency oscillator (5). his/its exit signal through the first (3) and wirdeinem Sendekanal (28) modulates the second (4) narrow-band-y pulse modulator. this with the first narrow-band-y pulse modulator (3) interconnected is. Sendekanal meant with what pulse-modulated bearer signals or unmnodulerte bearer vibrations sends out. the one stipulated bearer frequency and a stipulated duration belongings-n.-one reception canal (29). her/it with the second narrow-band-y pulse modulator (4) bandaged ist.einem time dilatory limb (2) to the temporal postponement of the exit signal of the second narrow-band-y pulse modulator (4) on the reception canal (29). a mixer (12) to the mixture the from the reception antenna (11) of received part of the sending out one and reflected. it pulse-modulated of bearer signal with the exit signal of the second narrow-band-y pulse modulator (29) marked through it. that a switch (7) is intended in the Sendekanal between the pulse source (1) and the first narrow-band-y pulse modulator (3). this with an activated tax signal (9) to the turning on of a Dopplermessmoduses instead of the exit signal of the pulse generator (1) a rectangle signal with variable duration on the entrance of the first narrow-band-y pulse modulator (3) gives und dass in the reception canal (29) another switch (8) between the time dilatory limb (2) and the second narrow-band-y pulse modulator (4) is intended. this with an activated tax signal (9) to the turning on of a Dopplermessmoduses instead of the exit signal of the pulse generator (1) a rectangle signal with variable duration on the entrance of the second narrow-band-y pulse modulator (4) gives. 2. Appliance after claim 1, marked by it, that the appliance is used in a motor vehicle to the

NO-DESCRIPTORS

 [proceed to checkout](#)

Nerac, Inc. One Technology Drive . Tolland, CT

Phone (860) 872-7000 Fax (860) 875-1749

©1995-2003 All Rights Reserved . [Privacy Statement](#) . [Report a Problem](#)